User Manual

GPS TG

Read Me First

- Please read the instructions in this manual and use only accessories of YF to avoid unpredicted damage. Failure to follow the instructions will invalidate warranty and might endanger personnel safety, for which YF assumes no responsibility.
- Data of navigation electronic maps might be inconsistent with actual traffic signals due to transportation development. Please follow traffic regulations and signs and drive according to road situation. Operating the GPS navigator device while driving might cause serious accidents. YF assumes no responsibility for accidents and loss due to improper use.
- For information of software update and upgrade, please go to our website www.yfgps.com.
- The pictures in the manual are subject to the material object.

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Welcome

Thanks for using GPS PF08. It is featured with navigation function, audio & video play, photo browsing and e-book functions.

- ✓ SiRF Atlas－Ⅴ CPU with high performance and low power consumption
- ✓ Friendly user interface for simple operation
- ✓ Power management for longer and more stable operation
- ✓ Data transmission with computer via Mini USB
- ✓ Quality reception, accurate positioning and satisfactory navigation service
- ✓ Leisure friend with audio/video/amusement functions

You may use the GPS navigator anytime anywhere, for example while driving, walking or cycling. Let its navigation and amusement functions enrich your life and work!

To realize the functions of GPS PF08 and to understand the operation details, please read the manual carefully.

You may see the following supplemental information in the manual.

[Note]: Explanation of relevant subjects

[Relevant Information]: Extra information of relevant subjects

[Attention]: Precautions or warnings of relevant subjects. Please pay attention to this information and follow the instructions to avoid devastating influence on yourself and others.

[*]: Optional function

Chapter I Beginning Use

This chapter introduces the appearance, components and basic operations of GPS PF08.

1.1 Appearance

The product picture below is subject to the material object.

SN	Component	Explanation
1	Indicator light	Indicating the operating state of external power supply
2	Touch pen slot	Location of the touch pen

3	Speaker	Playing sounds (such as navigation prompt tones, music, etc.)
4	Power key	Powering on/ off and sleep
5	Earphone jack	Connected with the stereophone
6	MINI USB port	Communicating with PC via MINI USB cable and used as the charging port
7	Battery cover	Battery inside
8	T-flash card slot	T-flash card inside
9	Reset key	Restart the system

1.2 Power Supply & Charging

Charge the GPS navigator fully with the charger before first use.

1.2.1 Power Supply

The GPS PF08 can be powered by the built-in battery or external power supply.

When the GPS navigator is unconnected to the charger, it is powered by the Li-polymer battery. The battery capacity icon in the system main interface shows current residual battery capacity.

When the GPS navigator is connected to the charger, it is powered by external power and the battery is charged.

[Attention] The GPS navigator adopts internal non-removable Li-polymer battery. To avoid battery rupture, explosion, release of hazardous substance or burn, do not unpack, pierce, strike on or discard the battery in fire or water.

1.2.2 Charging by DC Charger

The GPS navigator must be charged with the DC charger before first use.

Plug the USB terminal of the DC charger into the USB port of the GPS navigator and the other to

the power socket to supply power and charge the GPS navigator.

[Note] The charging indicator light is red during charging. Do not unplug the charge until the battery is fully charged and the indicator light turns green. Please charge the GPS navigator when the battery is low or used up.

1.2.3 Charging by Car Charger

Plug one terminal of the car charger into the USB port of the GPS navigator and the other to the charging port to supply power and charge the GPS navigator.

[Note] To avoid damage due to current surge, plug in the car charger after the automobile is started.

1.3 Basic Use

1.3.1 Powering on/off & Sleep

1.3.1.1 Powering on

Press the power key of the GPS navigator and let go after at least two seconds to power it on.

[Note] Great humidity fluctuation may lead to short circuit of the GPS navigator. Power on the navigator after it has accommodated to new environment.

1.3.1.2. Powering off & Sleep

Press the power key and let go after at least two seconds to power off the GPS navigator. The following interface will be prompted. If Sleep is selected, the navigator will automatically resume the state before entering sleep mode when it is powered again.

1.3.2 Restarting the System

When the system does not response, press the reset key on the back of the GPS navigator to restart the system.

[Relevant Information] The following situations might lead to no response of the system.

1. Delay or pause in interface switching;
2. Failure of function activation with overlong execution;
3. Failure to power on/off the GPS navigator by pressing the power key.

[Note] Restarting the system by pressing the reset key will result in loss of unsaved data. Please backup your data regularly.

1.3.3 Fixing the GPS Navigator with Mounting Kit

The mounting kit is composed of a back splint and a bracket. To use the GPS navigator in an automobile, fix it on the dashboard under the front windshield.

[Note] Do not place the GPS navigator in positions obstructing the driver's vision. Do not place it without fixing it or in the place of air bag or the area after the air bag is inflated.

1.3.4 Using T-FLASH Card

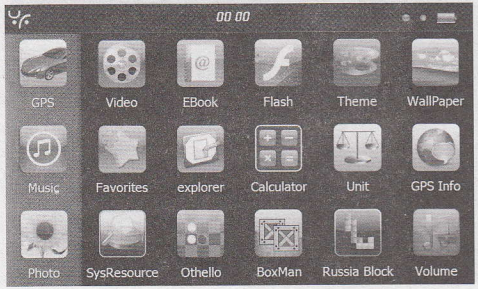
Copy mapping applications, map data and media files in a T-FLASH card. Insert the card in the corresponding slot.

[Note]

1. Do not take out the T-FLASH card while a navigation program is being run or a media file is being played.
2. To avoid drop or crash of the T-FLASH card, do not exert heavy pressure on it or bend it.
3. Avoid using or storing the T-FLASH card in high temperature, high humidity or direct sunlight. Keep the card away from liquid or corrosive substance.
4. Mind the direction while inserting the T-FLASH card to avoid damaging the slot or the card.

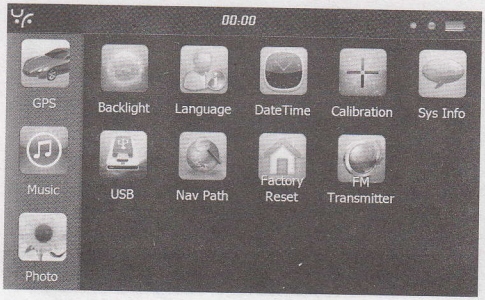
1.4 System Main Interface and Major Functions

Long press the power key on the top side of the GPS navigator to enter the system main interface shown below.



View the functions by sliding the screen. Tap「GPS」,「Music」,「Video」or「Photo」to enter the next function menus. The main functions are listed as below.

Function	Explanation
GPS	Tap to enable navigation function
Music player	WMA9 and WAV files supported; Random, sequence and cycle play supported
Video player	WMV, ASF and AVI files supported; Adjustment of playing progress, pause and full-screen play supported
Photo browser	JPG，GIF，BMP and PNG files supported; Photo rotation, zoom in/out and auto play supported
E-book reader	TXT files reading supporting page selection
Games	Othello, BoxMan, Russia Block
Tools	Calculator ,Theme, WallPaper, Unit, Favorites
Setting	Volume, backlight, language, date& time, calibration, system info，FM transmitter，USB setting, Navigation path and Factory reset
Explorer	Tap to enter the WinCE system , push Reset button to restart up the system
GPS Info	Display GPS signal state, reset GPS signal



Chapter II GPS

Various navigation mapping applications can be installed in the GPS navigator, such as CARELAND and RITU intelligent navigation systems, which position the navigator via the satellite receiver and display it on the map. Set a destination, and the system will automatically work out the best path to help the user reach the destination safely and quickly.

2.1 Map

Due to transportation development, inconformity between products and real traffic information will occur a period after product release. Please drive according to road condition and abide by traffic regulations.

2.2 Navigation

Navigation paths are for reference only, and the user may decide whether to follow them.

2.3 Reception

High and crowded structures (such as inside of tunnels, space between high buildings, underground car parks and under viaducts), weather change or satellite signals turnoff may influence signal reception, resulting in positioning failure, inaccurate positioning, navigation failure or system function abnormity.

With stereoscopic maps, instant animation, voice prompt and text prompt of the navigation system, you will appreciate its unique charm and enjoy a great trip.

Different navigation maps may have different operation methods. Please follow instructions of corresponding navigation mapping applications.

[Note] Before using the GPS navigator, please purchase and install mapping applications and appoint file paths. For setting methods please refer to ***6.10 Navigation Path. Setting***

Chapter III Media

The Media function includes the music player, video player, photo browser, and e-book reader.

3.1 Music Player

This section introduces the usage of the music player.

3.1.1 Features

The music player supports WMA9 and WAV files and selection of play sequence.

Copy audio files into the folder in your memory card before using the player.

3.1.2 Interface and Operation

Tap the icon **Music** to enter the **Music Play** interface as shown below.

Icon	Name	Explanation
	Close	Close the music player.
	Minimize	Minimize the music player and return to the desktop.
	Play	Continue playing the paused/ stopped music.
	Pause	Pause the music being played.
	Stop	Stop the music being played.
	Play sequence	Select sequence, random or cycle play.
	Previous	Play the previous music.
	Next	Play the next music.

	Volume	Drag it leftward to turn down or rightward to turn up the volume.
	Progress	Drag it leftward or rightward to play from a previous or future moment.
	Music list	Enter it to select music to play.
	Equalizer	Enter the equalizer.

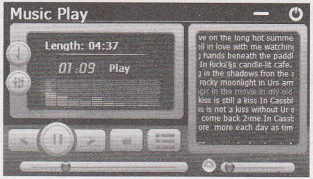
3.1.3 Selecting and Playing Music

Tap in the interface **Music Play** to enter the **Music list** shown as below.

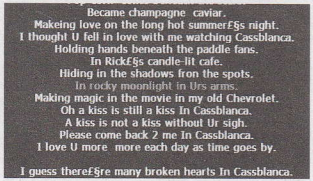
Icon	Name	Explanation
	Close	Close the **Music List** interface
	Scroll bar	Drag it upward/ downward to view all music.
	Add one	Add a piece of music on the left list to the play list on the right.
	Add all	Add all the music on the left list to the play list on the right.
	Delete one	Select one piece of music in the play list and tap the icon to delete it.
	Delete all	Delete all the music in the play list.

3.1.4 Viewing Lyrics

If your memory card contains corresponding .Lrc files for the music being played, then lyrics will be played at the right side of the **Music Play** interface:

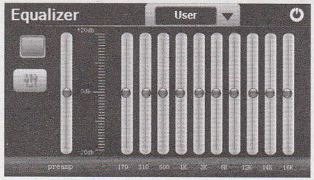


Double tap the lyrics area to view the lyrics in full screen as shown below. Under full screen mode, double tap the screen to return to normal-sized interface.


Became champagne caviar.
Makeing love on the long hot summer.£§s night.
I thought U fell in love with me watching Cassblanca.
Holding hands beneath the paddle fans.
In Rick£§s candle-lit cafe.
Hiding in the shadows fron the spots.
In rocky moonlight in Urs arms.
Making magic in the movie in my old Chevrolet.
Oh a kiss is still a kiss In Cassblanca.
A kiss is not a kiss without Ur sigh.
Please come back 2 me In Cassblanca.
I love U more more each day as time goes by.
I guess there£§re many broken hearts In Cassblanca.

3.1.5 Set the Equalizer

Tap in the Music Play interface to enter the Equalizer Setting interface as shown below:



Tick in on the upper left of the above interface, and then tap to select a music type or "User" from the drop-down menu. The music types include Pop, Rock, Metal, Dance, Electronic, Country, Jazz, Oldies, Blues, Nostalgia, Opera and speech. If "User" is selected, you may drag the slider at will to set the equalizer. After setting, tap to save and return to the **Music Play** Interface

3.2 Video Player

This section introduces the usage of the video player.

3.2.1 Features

The video player supports WMV, ASF and AVI files, full-screen play, progress selection and file selection.

Copy video files to a folder in your memory card before using the player.

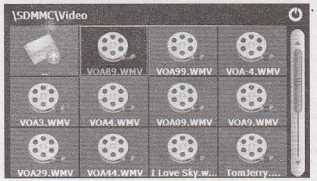
3.2.2 Interface and Operation

Tap the icon **Video** to enter the **Video Play** interface shown as below.

Icon	Name	Explanation
	Close	Close the video player.
	Name& format	Current video file name and its format
	Previous film	Play the previous film.
	Play	Continue playing the paused/ stopped film.
	Next film	Play the next film.
	Stop	Stop the film being played.
	Video folder	Enter it to select a film to play.
	Progress	Drag the sliding block leftward to play from a previous moment or rightward coming moment.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
00:01:01/00:03:14	Time	Display the play time and its duration.

3.2.3 Selecting and Playing Video

Tap in the **Video Play** interface to enter the video folder shown as below.



Icon	Name	Explanation
	Close	Close the video folder.
	Scroll bar	Drag the sliding block upward/ downward to view all the files inside the folder.
QXXS.WMV	Film name& format	Film name and its format

3.3 Photo Browser

This section introduces the usage of the photo browser.

3.3.1 Features

The photo browser supports JPG, GIF, BMP and PNG files, photo rotation, zoom in/ out and auto play.

Copy photos to a folder in your memory card before using the browser.

3.3.2 Interface and Operation

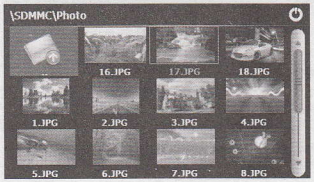
Tap the icon **Photo** to enter the **Photo Browser** interface shown as below.

Icon	Name	Explanation
	Previous	View the preview photo in the folder.
	Next	View the next photo in the folder.
	Zoom in	Scale up current photo.
	Zoom out	Scale down current photo.
	Rotate	Rotate current photo 90°clockwise.
	Auto play	Cycle play all the photos in the folder from current photo.
	Folder	Enter the photo folder to select a photo.
	Close	Close the browser and return to the **Media** interface.

In the above interface, double tap on the screen to display photos in full screen:

Tap to enter auto play interface as shown below. Drag the slider at the bottom of the screen to regulate play speed (1-10 seconds), and then tap on the screen to hide the slide (or the slide will be hidden automatically); tap on the screen to show the slide. Double tap on the screen to stop playing and return to the browsing interface.

Tap in the browser interface to enter the photo folder shown as below.



Icon	Name	Explanation
	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.

3.4 E-book Reader

This section introduces the usage of the E-book reader.

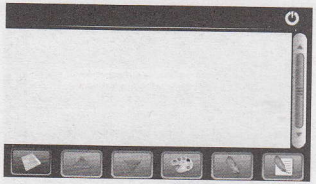
3.4.1 Features

The reader supports TXT files, page turn and folder selection.

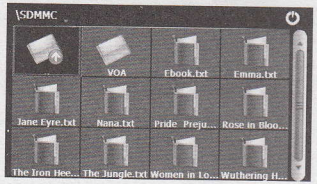
Copy files in TXT format to a folder in your memory card before using the browser.

3.4.2 Interface and Operation

Tap the icon **EBook** to enter the **E-book Reader** interface shown as below.

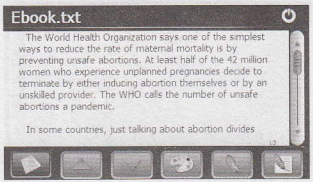


Tap in the e-book reader interface to enter the e-book folder shown as below:



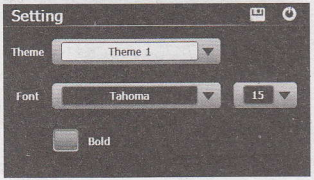
	Close	Close current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block upward/ downward to view all TXT files.
	File name& format	The file name and format.

Select a book file and tap it to enter the **Reading** interface as follow:


Ebook.txt
The World Health Organization says one of the simplest ways to reduce the rate of maternal mortality is by preventing unsafe abortions. At least half of the 42 million women who experience unplanned pregnancies decide to terminate by either inducing abortion themselves or by an unskilled provider. The WHO calls the number of unsafe abortions a pandemic.
In some countries, just talking about abortion divides

Icon	Name	Explanation
	Close	Close the reader.
Ebook.txt	File name& format	Current file name and format
	Scroll bar	Drag the sliding block upward/ downward to view all content of the e-book.
	Folder	Enter the e-book folder to select an e-book to read.
	Previous	Read the previous page.
	Next	Read the next page.
	Setting	Select a text theme, font, word size and bold type.
	New bookmark	Select partial text and tap the icon to create a bookmark.
	Bookmark list	Enter the bookmark list to select or delete a bookmark.
1/3	Page/ total pages	Current page/ total pages

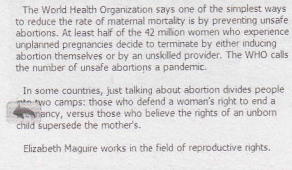
Tap in the e-book reader interface to enter the **Setting** interface shown as below.



Icon	Name	Explanation
	Close	Exit the setting interface.
	Save	Save the setting.
Theme	Theme	Tap to select a theme for the e-book.
Font	Font	Tap to select a font for the e-book.
Bold	Bold	Tap to enable bold type. Tap it again to cancel.

3.4.3 Full Screen Reading

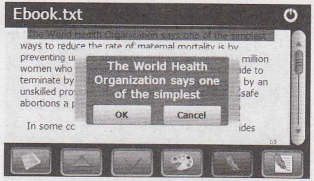
In the above interface, double tap the screen to enter to the full screen reading mode as follow:


The World Health Organization says one of the simplest ways to reduce the rate of maternal mortality is by preventing unsafe abortions. At least half of the 42 million women who experience unplanned pregnancies decide to terminate by either inducing abortion themselves or by an unskilled provider. The WHO calls the number of unsafe abortions a pandemic.
In some countries, just talking about abortion divides people into two camps: those who defend a woman's right to end a pregnancy, versus those who believe the rights of an unborn child supersede the mother's.
Elizabeth Maguire works in the field of reproductive rights.

In full screen mode, tap on the upper part of the screen to read the previous page, tap on the lower part of the screen to read the next page, tap to return to normal E-book reader interface.

3.4.4 Creating and Viewing Bookmark

To create a bookmark, locate a page by taping or or dragging the scroll bar in the reader interface and drag to select text content. Tap when it is on and a dialog will popup as follows:



Tap **OK** to finish creating a bookmark. Repeat this operation to create more wanted bookmarks.

Tap to view created bookmarks in the interface of **Bookmark List** shown as below.

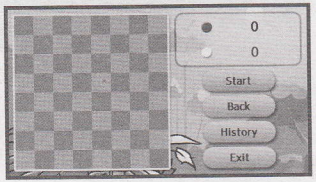
Drag the scroll bar and select a bookmark on the left list. Tap to go to the page with the bookmark or tap to delete unwanted bookmarks.

Chapter IV Games

This chapter introduces the usage of Games.

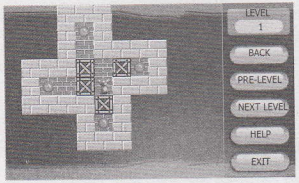
4.1 Othello

Tap the icon **Othello** to enter the interface as shown below.



4.2 BoxMan

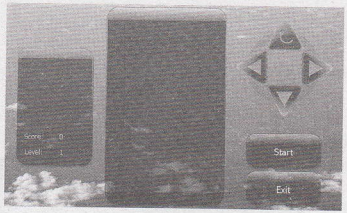
Tap the icon **BoxMan** in the Games interface to enter the interface as shown below.



4.3 Russia Block

Tap the icon **Russia Block** to enter the interface as shown below.

Chapter IV Games

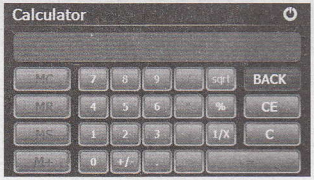


Chapter V Tools

The tools include Calculator, Unit, WallPaper, Favorites, Theme.

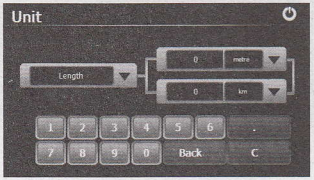
5.1 Calculator

Tap the icon **Calculator** to enter the calculator interface as shown below.



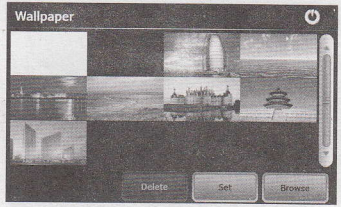
5.2 Unit

Tap the icon **Unit** to enter the unit converter interface as shown below.



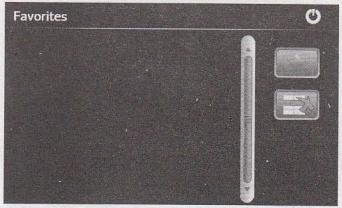
5.3 WallPaper

Tap the icon **WallPaper** to enter the wallpaper converter interface as shown below.



5.4 Favorites

Tap the icon **Favorites** to enter the favorites converter interface as shown below.



5.5 Theme

Tap the icon **Theme** to enter the theme converter interface.

Chapter VI Setting

6.1 Summary

This chapter introduces the setting of the GPS navigator.

The setting parts are including volume, backlight, language, date & time, calibration, factory settings, system info, USB and navigation path.

Function	Explanation
Volume	Adjust the speaker volume; enable/ disable sounds for tap; Set startup music.
Backlight	Adjust the brightness of touch screen backlight; Support auto backlight.
Language	Select a system language.
Date & time	Set the system date, time, and time zone.
Calibration	Calibrate the screen when position deviation occurs.
System info	Display system information including ROM version, software version, OEM version, platform ID and device ID.
FM Transmitter	Transmits audio signals of the navigator to the radio set via frequency modulation.
USB setting	Set the data transmission mode between the navigator and computer.
Navigation path	Select a navigation path for the navigator.
Factory Reset	Reset the factory default settings.

6.2 Volume

Tap the icon **Volume** to enter the volume setting interface as shown below.

	Close	Exit the volume setting.
	Volume	Ten volume grades (from mute to maximum) available. Tap to decrease the volume by grade.
Enable sounds for taps	Sounds for taps	Tap it to enable the function. Tap it again to disable the function.
Music01.wav	Power-on music	Tap ◄ or ► to select power-on music or disable it.

6.3 Backlight

Backlight setting includes backlight brightness adjustment and latency of backlight off.

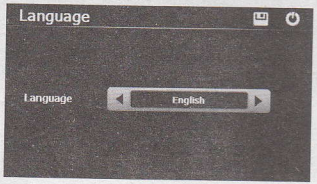
Tap the icon **Blacklight** to enter the backlight setting interface as shown below.

	Close	Exit the backlight setting.
	Backlight	Drag leftward to turn down or rightward to turn up the backlight.

Auto BackLight	Auto backlight	When this column is ticked, the backlight will be automatically adjusted according to the environment brightness.

6.4 Language

Tap the icon **Language** to enter the language setting interface as shown below.



Tap ◄ or ► to select a system language and tap to save the selection.

6.5 Date& Time

Tap the icon **DateTime** to enter the language setting interface as shown below.

Date & Time setting includes system date setting, time setting and time zone setting.

6.5.1 Setting the system date and time

In the above interface, tap ▲ or ▼ to set the year, month, day, hour and minute.

[Note]: Time format options are 12-hour and 24-hour. You may select one of them.

6.5.2 Setting the system time zone

In the above interface, tap ◄ or ► to select a time zone. For example, select "(GMT+08:00)

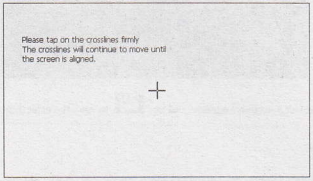
Beijing, Chongqing, Hong Kong, Urumqi" for China.

6.6 Calibration

Tap the icon **Calibration** to prompt the calibration dialog shown as below.
"Are you sure to adjust? OK or Cancel"

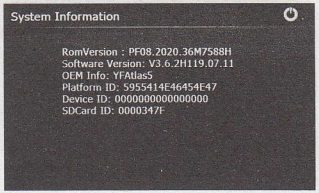
Tap **OK** to execute calibration or **Cancel** to cancel calibration and go back to the setting interface.

If tapping **OK**, the following calibration interface will popup. Click the center of cross cursor with the touch pen and the cursor shifts from the center, upper left, lower left, upper right and lower right to finish the calibration and the interface will be closed automatically to go back to the setting interface.



6.7 System Info

Tap the icon **System Info** to view the system information as shown below.



6.8 FM Transmitter

FM transmitter realizes transmission of audio signals of the GPS navigator to radio sets. Adjust the emission frequency of the GPS navigator the same as that of the receiving frequency of the radio, and sounds of the navigator will be output by the amplifier system of the radio sets.

Tap the icon **FM Transmitter** to enter **FM Setting** shown as below.

	Close	Exit the FM Setting.
	Save	Save current setting.
Use FM	Use FM	Tick to the box to enable FM function.
Frequency	Frequency	slide block rightward (or tap) to the frequency and leftward (or tap) to reduce the frequency. The frequency range is 88.00 Mhz-108.00 Mhz.

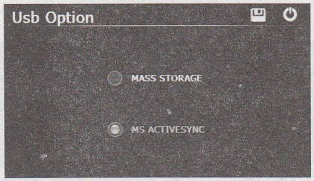
6.9 USB

Connect the GPS navigator to PC via the MINI USB port to transmit data, or back up data from the navigator data to PC.

The GPS navigator provides MASS STORAGE and MS STORAGE modes. Select one in the USB setting.

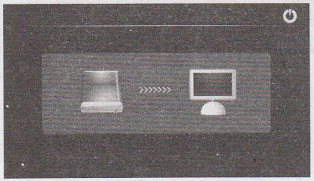
6.9.1 MASS STORAGE

1. Have the GPS navigator in operation status and the SD card plugged in the slot;
2. Tap the icon **USB** to enter **USB Option** as shown below.



Select **MASS STORAGE** and tap to save it.

3. Connect the MINI USB terminal of the USB cord to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC. Then, the computer will recognize the navigator and prompt the following interface.

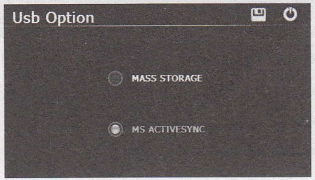


To disconnect the navigator from PC and enter charging mode, you may tap .

5. After communication, unplug the MINI USB cable.

6.9.2 MS ACTIVESYNC

1. Tap the icon **USB** to enter **USB Option** as shown below.



Select **MASS ACTIVESYNC** and tap to save the setting.

2. Install the application **Mobile Device** in a drive of PC. Then the following icon will appear in the drive selection.

3. Connect the MINI USB terminal of the USB cable to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC.

4. After the PC finds new hardware, double click the Mobile Device drive in the selection area to enter the memory of GPS navigator for data transmission.

5. After transmission, unplug the USB cable.

[Attention] For data safety, please back up your system data in external storage. Our company has no responsibility for lost or damage of system data.

[Note] If MASS STORAGE is selected while the GPS navigator is connected with PC, other operations will be suspended.

[Attention] The following operations will stop suspend the communication of the system and PC and unsaved data will be lost.

1. Unplugging the MINI USB cable;

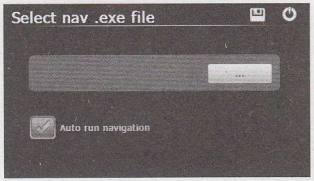
2. Powering off the GPS navigator;

3. Resetting the system;

4. Tap the on close button on the top right.

6.10 Navigation Path Setting

Insert a T-flash card with map data into the GPS navigator and tap the icon **Nav Path** to enter the interface shown as below.



Select a map address and tap to save the setting.

...	Tap to select a map address.
Auto Run Navigation	Tick in the box to run the set navigation map when the navigator is powered on.

6.11 Restoring the Factory Setting

Tap the icon **Factory Reset** to restore the factory setting. The following dialog will be prompted.

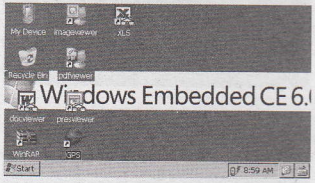
"Are you sure to load factory default setting? OK or Cancel?"

Tap **OK** to restore the default setting or **Cancel** to return to the setting interface.

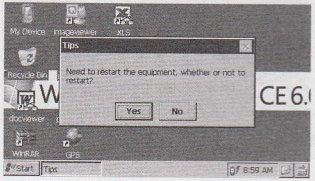
Chapter VII Explorer

Tap the icon **Explorer** to popup a dialog box indicating whether to enter the WINCE system, there is choice "Are you sure to enter windows CE?"

tap「**OK**」to enter the WINCE system as shown below while tap「**Cancel**」to return to the system main interface.



In the above interface, double tap the icon "GPS", the following interface will popup:

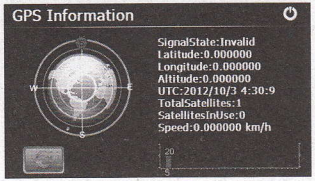


Select Yes to return to the GPS main interface.

Note: push the Reset button backside the navigator can also exit Explorer and restart up the system.

Chapter VIII GPS Info

Tap the icon **GPS Info** to view the GPS information as shown below.



To reset the GPS satellite receiver, tap to prompt a dialog as below.

Tap **OK** to reset the GPS satellite or tap **Cancel** to exit.

Appendix Troubleshooting

Please carry out the following operations in case of abnormal operation of the GPS navigator. For further problems, please contact our customer service center.

Fault	Reason	Solution
Startup failure	Low battery	Supply external power and charge the battery.
	System down	Reset the GPS navigator.
Sudden power cut	Low battery	Supply external power and charge the battery.
No/ vague display	Low backlight	Turn up the backlight.
	Backlight off	Tap the screen with the touch pan.
Incorrect tapping response	Touch screen not calibrated	Recalibrate the screen.
No sounds	Low volume	Turn up the volume.
	Poor contact of earphone	Connect the earphone.
Communication with PC	Poor USB connection	Connect the USB cable.
GPS signals reception failure	Poor GPS signal	About 3 minutes are needed for low intensity of local GPS satellite signal.
Loss of map data	Accidental deletion	Contact your agent or distributor. Input a new password after recovering the GPS data.